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TITLE: POLYESTER FILM FOR MAGNETIC RECORDING MEDIUM

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INVENTOR-INFORMATION:

NAME

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ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a polyester film for a magnetic recording medium, having smoothness and scratch resistance without detriment to electromagnetic transduction characteristics and showing good running performances even under conditions of high temperatures and high humidity using a polyester film containing a specified amount of colloidal silica having a specified particle diameter.

SOLUTION: This polyester film for a magnetic recording medium contains at least 0.005wt.% colloidal silica having a content of particles of a particle diameter of  $2a$  ( $\mu\text{m}$ ) or below of 95wt.% (wherein  $a$  ( $\mu\text{m}$ ) is the mean particle diameter). The polyester of which the polyester film is made mainly consists of a linear polyester such as polyethylene terephthalate or polytetramethylene terephthalate.

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